

Date: Thu, 21 Apr 94 13:04:25 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #440
To: Info-Hams

Info-Hams Digest Thu, 21 Apr 94 Volume 94 : Issue 440

Today's Topics:

ACC
Illinois anti scanner legislation
Info-Hams Digest V94 #435
Kenwood TH-78A *0R* Yaesu FT-530
Pet Peeve
POLICE BBS
software for PK 232
SS Jeremiah O'Brien Normandy voyage
The Confiscated HT Story (was Illinois anti scanner legisla)
W2A technical question
Wanted Tokyo Hy-Power VHF Linear Amp

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available (by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 21 Apr 94 19:09:33 GMT
From: news-mail-gateway@ucsd.edu
Subject: ACC
To: info-hams@ucsd.edu

```
>The London Amateur Radio Club wishes to get more information on the
>Advanced Computer Controls new interface to a pc to provide extensive
>voice message storage.
>
>We have their bulletins but apparently most of their information is
>available online through commerical email services in the US. Is this
>information available through FTP/IP or Gopher.
```

>
>Any information would be of help..
>Yes. If anyone does have any info, please send me a personal reply, too.

>Tony
> afabro@magnus.acs.ohio-state.edu | /\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |

Here are two references I have for Advanced Computer Controls:

|ACC company now on email:
|Internet electronic mail by using the address: 72114.2062@compuserve.com

or to subscribe to the acc-1 list send the SUBSCRIBE command to:

|Mail-Server@slc.cts.com.
|Please note that commands are sent to Mail-Server and postings or
|replies are sent to the list at acc-1@slc.cts.com.

WB5FBS
bobpriez@selu.edu

Date: Wed, 20 Apr 1994 14:14:27 GMT
From: ihnp4.ucsd.edu!agate!darkstar.UCSC.EDU!news.hal.COM!olivea!news.bu.edu!att-
in!att-out!walter!dancer.cc.bellcore.com!not-for-mail@network.ucsd.edu
Subject: Illinois anti scanner legislation
To: info-hams@ucsd.edu

In article <940419173723_2@ccm.hf.intel.com>,
Cecil A Moore <Cecil_A_Moore@ccm.CH.INTEl.COM> wrote:

>
>Text item: Text_1
>
>>Prohibits the possession of a receiver... unless the
>>device operates exclusively on alternating current power.

I note that this proposed law is not focused on scanners
in vehicles, but is, in fact, much broader in its impact.
The proposed law would effectively outlaw any handheld scanner
as well as all mobile scanners. That seems to be total overkill.

Question - Is the information about this bill sent to ARRL?
Is the knowledge of this proposed bill also posted to
rec.radio.scanners.

>What if the alternating current power is generated in your car?
>Assuming an AC-only receiver, would it be illegal to transport

>it in a vehicle along with a dc/ac inverter?

One could argue the intent was to absolutely preclude all mobile or portable operation, it could also be argued that the legislation has a loophole.

I lost the original post that included the bill's full text. Could someone please repost it or email it directly to me?

Thanks,

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

Date: 21 Apr 94 10:17:28 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!deep.rsoft.bc.ca!giant!
a10554@network.ucsd.edu
Subject: Info-Hams Digest V94 #435
To: info-hams@ucsd.edu

FMUS1184@VEGA.SELU.EDU (ROBERT G. PRIEZ) writes:

>He didn't use a TYPE-ACCEPTED transmitter ! (Ham gear is not type-accepted
>for commercial band use)...

:) :), I hope you put some smiley in. First of all, it is Public Service, not commercial. Second, he has no authority on it anyway, regardless of the type of the radio.

However, does it make any difference when you have a life and death situation, for emergency traffic? No.
Is it illegal by itself in US, to process a transmitter designed for ham bands to have the convenient capability to transmit outside of the ham band? No. (so I think so far, I don't know about in Canada)

So, what was your point? I think you were just being humorous.

>WB5FBS
>bobpriez@selu.edu

David Tse, VE7MDT Internet: a10554@giant.rsoft.bc.ca
I will prefer e-mail sent to above address.
My PO Box is CANCELLED, please do not use.

--

David Tse, VE7MDT Internet: a10554@giant.rsoft.bc.ca

I will prefer e-mail sent to above address.

My PO Box is CANCELLED, please do not use.

Date: 21 Apr 94 08:59:43 GMT

From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!deep.rsoft.bc.ca!giant!
a10554@network.ucsd.edu

Subject: Kenwood TH-78A *OR* Yaesu FT-530

To: info-hams@ucsd.edu

steve@vibra.com (Steve Haehnichen) writes:

>I'm just now shopping for a 2m/440 HT and am trying to make the same
>decision. The local HRO has the Kenwood TH-78A for \$389 and the Yaesu
>FT-530 for \$399, so price doesn't seem to be a factor.

I used to live in SD and has been to that HRO many times, I was back
visiting and visited that store, oh, boy, they have more stuff now :).

>After mods, the Kenwood does these:

> Rx: 50-180 300-400 400-512 800-950

> Tx: 136-180 400-512

I seriously doubt if the Kenwood can lock the PLL (actually receiving)
below about 90 or 100MHz. And also transmitting the full 400-512MHz. The
display might say so, but the VFO and the rest might not.

>The Yaesu does these:

> Rx: 110-180 300-500 800-859

> Tx: 130-180 400-470

Only diff. is the Kenwood can do AM in all VHF and UHF (may be not 800 band)
but Yaesu can only do it in the 110 to 138MHz?? (Mine Standard C550/C558A
can do AM on all VHF but not UHF.)

>At first, I liked the idea of getting FM Broadcast Radio (88-108) on
>the Kenwood, but now I read that it's modulated differently
>(wide-band?) and doesn't come in anyway, so that's out.

Mine picked up quiet passages ok, once the loudness is out (high deviation)
then it's all clipped. Not useful at all.

>The Kenwood has a six-character alphanumeric display & memory, while
>the Yaesu does not. Apparently, you can get an optional microphone
>for the Yaesu that does have an alpha display, but I haven't seen it,

>and I'm sure it's pricey.

Kenwood can also send alphanumeric pagings to other Kenwoods, if that is good for you. I really like the idea, but since most people don't like Kenwood due to rumors of bad intermod rejection and hard to use interface, they are not popular and thus the actual usage is not much besides few who own it. Yaesu 530 doesn't have alpha numeric, the speaker/mic is a back-lit display and buttons simpler than on the radio. about \$100. The new Ft-11 micro size single band HT has alpha numeric memory but no alphanumeric paging. (also by Yaesu.)

>The Yaesu has "CTCSS" included while it's an extra option on the
>Kenwood. I have no idea what that feature does, but radios that have
>it seem to boast about it. The Yaesu also has some kind of Automatic
>Tone Search feature that I don't yet understand.

I think almost all HT sold in US includes CTCSS encode and decode while most mobile/base only includes encode and decode is optional. CTCSS is (depends on whom you asked :) Continuous Tone Coded Squelsh System, aka sub-audio tone, also called PL (Private Line) by Motorola, or Select Call by GE. It is from about 67Hz to about 250Hz selectable from a table to key up repeaters to open squelsh on others' radios.

>Both radios can do VHF/VHF and UHF/UHF, but some people say that this
>adds interference.

Yes, as it is using the other band receiver to receive far away, thus weakening the filter job/design. Currently there is no good cure except they put in multiple switched filters.

>The Yaesu has 82 memories, the Kenwood 50 (expandable to 250?). The
>Yaesu has a light-up keypad, and I don't think the Kenwood does. The
>Kenwood does, however, have some internal video games :-).

One BIG reason I refused to buy the Kenwood as if I need a video game, I can get something else, even to download one for my HP48SX prog. calculator. If there are space left in the Kenwood uP rom, why don't they put in something useful? like calculating/estimating remaining time battery usage, may be even some memory management software.

>The general list of recommended models seems to be: ICOM W21AT,
>Standard C558, Yaesu FT-530, Alinco DJ-580T with no mention of the

They all have merits, but the only one I would buy (again) is either the Standard (which I have a similar model) or Yaesu. But W21AT has the cellular phone style microphone being lower in the battery area, which is nice doing phonepatch. Alinco's only merit is lower price. Kenwood if you want the latest alphanumeric functionality (which I really

like to have, but not at a sacrifice of other areas.)

>-Steve

>Steve Haehnichen

Vigra, Inc. San Diego, CA

>steve@vigra.com

(619) 597-7080 x116 Fax: (619) 597-7094

Where is Vigra? I have lots of friends still in SD (from SDSU mostly.)

David Tse

David Tse, VE7MDT Internet: a10554@giant.rsoft.bc.ca

I will prefer e-mail sent to above address.

My PO Box is CANCELLED, please do not use.

--

David Tse, VE7MDT Internet: a10554@giant.rsoft.bc.ca

I will prefer e-mail sent to above address.

My PO Box is CANCELLED, please do not use.

Date: Thu, 21 Apr 1994 01:46:07 GMT

From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!europa.eng.gtefsd.com!

darwin.sura.net!nih-csl!helix.nih.gov!arm@network.ucsd.edu

Subject: Pet Peeve

To: info-hams@ucsd.edu

In article <CoKpMq.4A@srngenprp.sr.hp.com> alanb@sr.hp.com (Alan Bloom) writes:

>arm@helix.nih.gov (Andrew Mitz) wrote:

>

>>In article <CoIswx.4z8@srngenprp.sr.hp.com> alanb@sr.hp.com (Alan Bloom) writes:

>

>>>An easy alternative would be to use an audio detector hooked to a

>>>keying transistor. That way, your friend could whistle or voice

>>>the code directly.

>>>

>>>I have also heard of mouth-activated switches that handicapped

>>>people have used to send code.

>

>>Let's put my friend in the 1990s, not the 1960s.

>

>You managed to hit one of my pet peeves squarely on the head.

>

>If a diode detector and a keying transistor can do the job, why

>replace them with a big complicated board full of "1990's technology?"

>Now, maybe the simpler solution doesn't do an adequate job, but you

>didn't say that. In and of itself, the age of the technology used

>has nothing to do with whether it's a good choice or not.

>

>As an engineer, I am as susceptible to the "gee whiz" factor as anyone

```
>else. It's always more fun to work on the latest technology -- we
>engineers have to work hard to resist the urge to overdesign products
>when a simpler, cheaper, more reliable solution exists.
>
>If there are good technical reasons for choosing one solution over
>another then present them, but to argue against something solely on the
>basis that it is old-fashioned is nothing more than technical hubris.
>
```

You have hit one of my pet peeves squarely on the head. If I have asked for information on speech recognition and I get 1) outdated (thus ill-informed) opinions about speech technology, and 2) an arm-chair quarterback recommendation to take another approach (clearly not from someone who has worked with persons with handicaps), then I feel no reply would have been better. (At this point I want to extend thanks to all those out in net land who withheld uninformed or irrelevant responses.)

Short answer. 1990s technology is far more sensitive to the person's needs. First off, it makes him notice his handicap less if he can speak to a computer than if he had to operate a suck/puff straw. In fact, I doubt that he will operate CW if the adaptation is that unnatural. Second, the nature of his handicap leads to rapid fatigue. His voice is strong. I don't doubt that he could send CW other ways. I am looking for the most natural way. Read that: Human factors engineering.

Andrew Mitz, Biomedical Eng., National Institutes of Health Animal Center, Poolesville, MD | Opinions are mine alone
arm@helix.nih.gov

Date: Thu, 21 Apr 1994 08:51:30 GMT
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!csulb.edu!csus.edu!
netcom.com!kevincur@network.ucsd.edu
Subject: POLICE BBS
To: info-hams@ucsd.edu

[illegible]

```
:
8-N-1 supports up to 14.4 baud rate.
Thousands of CD-ROM files on-line!!!
Check It Out TODAY! ! !
C.O.P.S. B B S
San Jose, CA
U.S.A
(408) 996-7790
Tell them Kevin sent you!!
:~::~
```

Kevin Curry
P.O. Box 7083
Fremont, CA 94537-7083
E-Mail - kevincur@netcom.com
Never insult seven men, when all you're packin' is a six gun - Zane Gray

Date: 20 Apr 1994 15:10:04 GMT
From: olivea!news.bu.edu!noc.near.net!jericho.mc.com!fugu!levine@ames.arpa
Subject: software for PK 232
To: info-hams@ucsd.edu

```
In article gilbaronw0mn@delphi.com, gilbaronw0mn@delphi.com (Gilbert Baron)
writes:
-->>Does anyone know of better software (windows or dos) than Pakrat? I would
-->
-->>like something a little more friendly, and that exhibits fewer freeze-ups.
-->
-->>If it could send graphics, that would be a bonus. I've looked in the ham
-->>mags, and can't seem to find anything. I've heard that Pk-gold is good,
-->>but can't locate a source. I need sources for all recommendations. Thanks
-->
-->>to all respondents.
-->>
-->>Tom Medin
-->>tmedin@che2.che.umn.edu
-->>N0UFM
-->>
-->I am quite happy with PKGOLD. It is a bit hard to learn and the
-->documentation STINKS although the online help is pretty good. It has a high
-->level of function. It does not support a mouse though. I would sure like to
-->see a windows version. I think it is the best available. I think MUCH
-->better could be produced.
```


-->
--> Gil Baron, El Baron Rojo, WOMN Rochester, MN
--> "Bailar es Vivir"
--> PGP2.3 key at key servers or upon request
-->

I have to seriously disagree with you Gil. I have been using PkGold for a few years now. I just got my version 9 upgrade and the manual is excellent. Not only does it give great detail about PkGold features, but goes into details about the necessary TNC features for the specific manufacturers (AEA, Kantronics). It also has very good and basic descriptions of the various modes it supports. It is a handy size and easy to carry around if you need to. If you really want to make a comparison, check it out against the PcPakratt for Windows manual.

Yeah, you shell out a few bucks for PkGold but not much different that any of the other first class packet/multi mode software packages. Unfortunatley you cannot realize the full usefullness of this program without using it for a few months. After that, you wonder how you will ever do without it.

I own registered versions of PkGold and PkGold900 for different computers using different TNCs. The context sensitive help and the command line help (example: Enter a TNC parameter then hit F1) is by far the best in the industry.

Bob Levine KD1GG 7J1AIS VK2GYN formerly KA1JFP
levine@mc.com <--Internet email Phone(508) 256-1300 x247
kd1gg@wa1phy.ma <--Packet Mail FAX(508) 256-3599

Date: Thu, 21 Apr 1994 07:44:47 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!library.ucla.edu!csulb.edu!csus.edu!
netcom.com!netcom4!faunt@network.ucsd.edu
Subject: SS Jeremiah O'Brien Normandy voyage
To: info-hams@ucsd.edu

Some more info, from packet.

At one point they were at 33.28N 118.W (sic), course 142 degrees, 65
revs, 11.9 knots. A later message indicates that they were into
Mexican waters, making 11.5 knots at 68 revs. That's pretty good

speed, at relatively low revs, as I understand it.

All of this is my interpretation of some rather unclear packet messages. I could be wrong.
doug

Date: 21 Apr 94 09:44:46 GMT
From: ihnp4.ucsd.edu!agate!deep.rsoft.bc.ca!giant!a10554@network.ucsd.edu
Subject: The Confiscated HT Story (was Illinois anti scanner legisla)
To: info-hams@ucsd.edu

William_A._Kirsanoff@smtpgty.anatcp.rockwell.COM (William A. Kirsanoff) writes:

[repeated story deleted]

>

>I understand there was a fuss of some kind between the Sheriff's office and the
>County Supervisors over this. I'm more concerned about the FCC Engineer who not
>only let this happen, but participated. Perhaps Gary or someone else from the
>San Diego area could post an update.

I used to live in San Diego before, so I am especially interested in this story. Just like the LA Mayor could not fire Chief Gates of LAPD, I think the SD SO chief is also not "afraid" of the CS (Dianne) of SDC. (that's just my guess responding to your comment of "fuss.." I think they thought they have to enforce "something" in order to prevent people from using their frequencies again, preventing abuse, even at all cost, protect their frequencies.... Only that is an administrative frequency, not a dispatch one, and is reserve for emergency etc. I wish Chris could get his HT back, but I think once he handed it over, it'd be very hard unless he has a powerful lawyer and friends around :). I remembered some years ago when I was still living in SD, TV news were showing reports of civil rights violations in the County Sheriff's jails (beating of cellmates, either convicted or just in custody), and many many reports of similar cases. It seems that the upper levels allow this to happen, and since the Sheriff is voted in by local citizens, their structure is even more independent than city PD. There was also the case of a "rookie" Sheriff Deputy who gunned down a driver after pursuit of traffic violation or something like that, claiming that the driver was going after him in the parking lot. With many witness contrary to theirs, they closed up the area for investigation. One person died, and nothing happened, and not too long later, it's gone on the news and people forgot about it. With all these precedence, I am not sure if this action by the SO is purely accidental or merely not understanding "emergency traffic". I think they think they run the "law".

You think I must have a problem with them? Nope, I rarely have a run-in

with the Sheriffs at all when I was there. (not my area I usually go, not cover by them.)

I wish Chris didn't hand in the HT and contest the Sheriff Office, and hopefully ARRL or some groups would support them. I am quite confident the Sheriff do NOT have a case at all :). (Thanks, at least the court system is still mostly independent, in most cases.)

For a good reading of the story, read the editorial on April issue of Popular Communications (or latest issue), it basically covered the whole story. but I'll give a bit here, where the juice is, so you don't have to wait till getting the Pop. Com. :)

For those who don't know but the first half, where the emergency called was made. Here is the second half of the soap opera:
The civilian employee (not a sworn law enforcement officer) who contacted Chris to come in for the talk, and did the warning about prosecution etc, (name was in last article, but I forgot now.), was in hiking some weeks later, and got lost himself (got sick in Pop. Comm. article version), and he radioed the Sheriff Office which sent out a chopper (rather than land transport for the first case), to rescue him, only turn out that he didn't need much medical assistance later, costing the county a few hundred bucks. He claimed authorized to use the radio, but in reality, he was not on duty, and thus has no authority (those who understand regulation more should correct here if it is not, I am only tell the story, not making it.) He was using similar channel/freq. as in first case. Of course it is ok, since he worked for the SO.

Somehow the news got out, and was published (following the interesting first) on local paper (and later whole story on some tabloid in a shorten version :), put up in HRO in SD.), can you imagine the howling and "arrrrrrrr" the people put out? Thus, with so much fuss later, somehow one County Supervisor had the city/county granted Chris an award for "Good Samaritan". And now both the FCC local guy and the Sheriff Dept are low key and kept little comment on that. Was it a bought out? Was it used for political fight b/w the SO and CO? I don't know, but I think Chris should have his HT back, still.

>73

>Wm. A. Kirsanoff Internet: WAKIRSAN@ananov.remnet.ab.com

>Rockwell International Ham: KD6MCI

>(714) 762-2872

>Alternate Internet: william_a._kirsanoff@ccmail.anatcp.rockwell.com

>-----

>Who are you? * I am number 2. * Who is number 1? * You are number 6.

>-----

David Tse, VE7MDT Internet: a10554@giant.rsoft.bc.ca

I will prefer e-mail sent to above address.
My PO Box is CANCELLED, please do not use.

--

David Tse, VE7MDT Internet: a10554@giant.rsoft.bc.ca
I will prefer e-mail sent to above address.
My PO Box is CANCELLED, please do not use.

Date: 20 Apr 1994 13:49:56 -0000
From: ihnp4.ucsd.edu!agate!darkstar.UCSC.EDU!news.hal.COM!olivea!news.bu.edu!
noc.near.net!news.delphi.com!news.delphi.com!not-for-mail@network.ucsd.edu
Subject: W2A technical question
To: info-hams@ucsd.edu

Has anybody turned-up the mike gain on the W2A? Do you remember where the
pot was? That little schematic they send with the radio isn't very helpful.
Have you changed the plastic lens over the display? Any help appreciated.

Please email as I don't usually get the time to read this group.

73, Jim WB1B

Date: 20 Apr 1994 14:20:36 GMT
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!hobbes.physics.uiowa.edu!
news.uiowa.edu!panda@network.ucsd.edu
Subject: Wanted Tokyo Hy-Power VHF Linear Amp
To: info-hams@ucsd.edu

Wanted: Tokyo Hy-Power VHF Linear Amp.

Model HL-100V (I think)
10W in, approx 90W out
Receive Pre-amp

Contact Wayne Estes at (708)566-6521 or e-mail wayne@csg.mot.com

73 de WD5FFH

Date: Thu, 21 Apr 1994 08:46:22 GMT
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!csulb.edu!csus.edu!
netcom.com!parker@network.ucsd.edu
To: info-hams@ucsd.edu

References <parkerCoJ5z5.67A@netcom.com>, <pineappCoKCL1.L6F@netcom.com>,
<parkerCoKuEw.2n2@netcom.com>

Subject : Re: Internet > Packet gateways??

I don't have a list of other gateways, but you should probably be able to find a list of them from an ftp site. Try ftp oak.oakland.edu. The only other one that I use is n8fow (Detroit). That's 44.102.48.2. Good luck.

--

```
-----  
| Andrew Parker      |          KD6TGM          |          parker@netcom.com  |  
|-----  
| This signature is extra lean. It will not contain more than 15% fat. |  
|-----
```

End of Info-Hams Digest V94 #440
